HANBELL

8289
Shanghai Hanbell Precise Machinery Co.,Ltd.
Add No.8289,Tingfeng Road,Fengjing Area,Jinshan District,Shanghai
Tel 021-57350280
Fax 021-31106889 / 57352004

108
Shanghai Hanbell Precise Machinery Co.,Ltd.Fengjing Factory NO.1
Add No.108,Jiangong Road,Fengjing Area,Jinshan District,Shanghai
Tel 021-57350280
Fax 021-31106805

2222 U 4
Shanghai Hanbell Precise Machinery Co.,Ltd.Jinan Branch o f ce
Add No.4,Building,Liandong U Valley International Enterprise Port,No.2222,South Section of Yuqing Road,Changqing District,Jinan,Shandong Province.
Tel 0531-85060075
Fax 0531-85060071

1706 B
Shanghai Hanbell Precise Machinery Co.,Ltd.Nanjing Branch o f ce
Add B1F No.1706,Shuanglong Road,Jiangning Development Zone,Nanjing,Jiangsu Province.
Tel 025-52078091 / 52078092 / 52078093

# AE6/AA6/AM/F 系列
## 螺杆式空气压缩机

NBELL PRE






汉钟 • 上海

/

h h Hυ Hυ Hυ

G

h G h

Ƕ h G

h h d HANBELL d G

Hυ HAGVHυ h Hυ h

d Hυ d h h Hυ

Hυ h h G

1

2

3

4

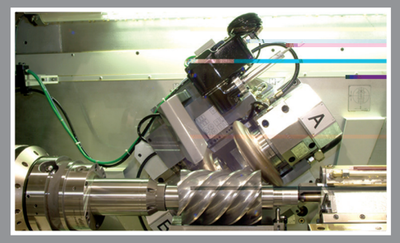
5

6

7

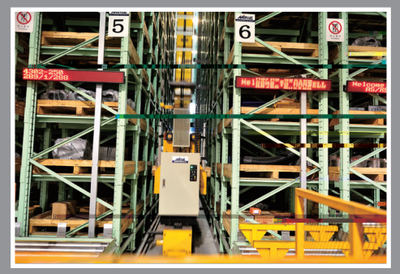
CNC










AS/RS LGV RGV

PED

http:



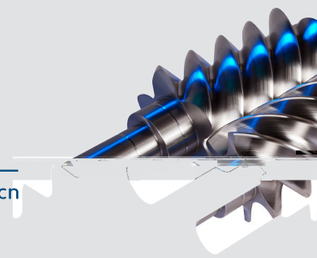

h h h h h

G h h G

# AE6

| | | | AE6-04A | AE6-06A | AE6-08A | AE6-11A | AE6-15A | AE6-18A | AE6-22A | AE6-30A | AE6-37A | AE6-45A | AE6-55A | AE6-75A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ($m^3$/min) | 0.8MPa | 0.4 | 0.7 | 1.1 | 1.6 | 2.4 | 3.0 | 3.6 | 5.0 | 6.1 | 7.6 | 9.4 | 13.1 |
| | | 1.0MPa | / | 0.6 | 1.0 | 1.4 | 2.1 | 2.7 | 3.2 | 4.3 | 5.4 | 6.4 | 8.6 | 11.8 |
| | | 1.3MPa | / | 0.4 | 0.8 | 1.2 | 1.7 | 2.3 | 2.6 | 3.7 | 4.5 | 5.5 | 7.4 | 9.8 |
| | | | +15 | | | | | | | | | | | |
| | inch | | 3/4 ” | 3/4 ” | 3/4" | 3/4" | 11/4" | 11/4" | 11/4" | 11/4" | 11/4" | 11/2" | 11/2" | 2" |
| | | | | | | | | | | | | | | |
| | L) | | 7 | 8 | 8 | 9 | 10 | 10 | 16 | 18 | 18 | 25 | 60 | 65 |
| | | | on-0f/ | | | | | | | | | | | |
| | | | 45 | | | | | | | | | | | |
| | (kW) | | 4 | 6 | 7.5 | 11 | 15 | 18 | 22 | 30 | 37 | 45 | 55 | 75 |
| | | | | | | | | | | | | | | |
| | (V)/ (Hz) | | 380V/50Hz/60Hz | | | | | | | | | | | |
| | | | / | | | | | | | | | | | |
| | | | | | | | Y - | | | | | | | |
| | | | | | | | | | | | | | | |
| | kW | | 0.09 | 0.1 | 0.12 | 0.14 | 0.23 | 0.23 | 0.55 | 0.55 | 0.80 | 1.5 | 1.5 | 0.37*2 |
| | $m^3$/min) | | 12 | 15 | 27 | 42 | 65 | 65 | 128 | 128 | 162 | 183 | 183 | 194 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | / | | | | | / | | | | | | |
| kg | | | 270 | 290 | 290 | 310 | 350 | 430 | 600 | 700 | 780 | 900 | 1300 | 1500 |
| | (mm) | | 820 | 820 | 820 | 870 | 1050 | 1050 | 1150 | 1150 | 1100 | 1200 | 1800 | 1960 |
| | (mm) | | 660 | 660 | 660 | 660 | 700 | 750 | 850 | 950 | 1100 | 1150 | 1300 | 1500 |
| | (mm) | | 920 | 920 | 920 | 980 | 1030 | 1100 | 1250 | 1230 | 1324 | 1565 | 1750 | 1750 |

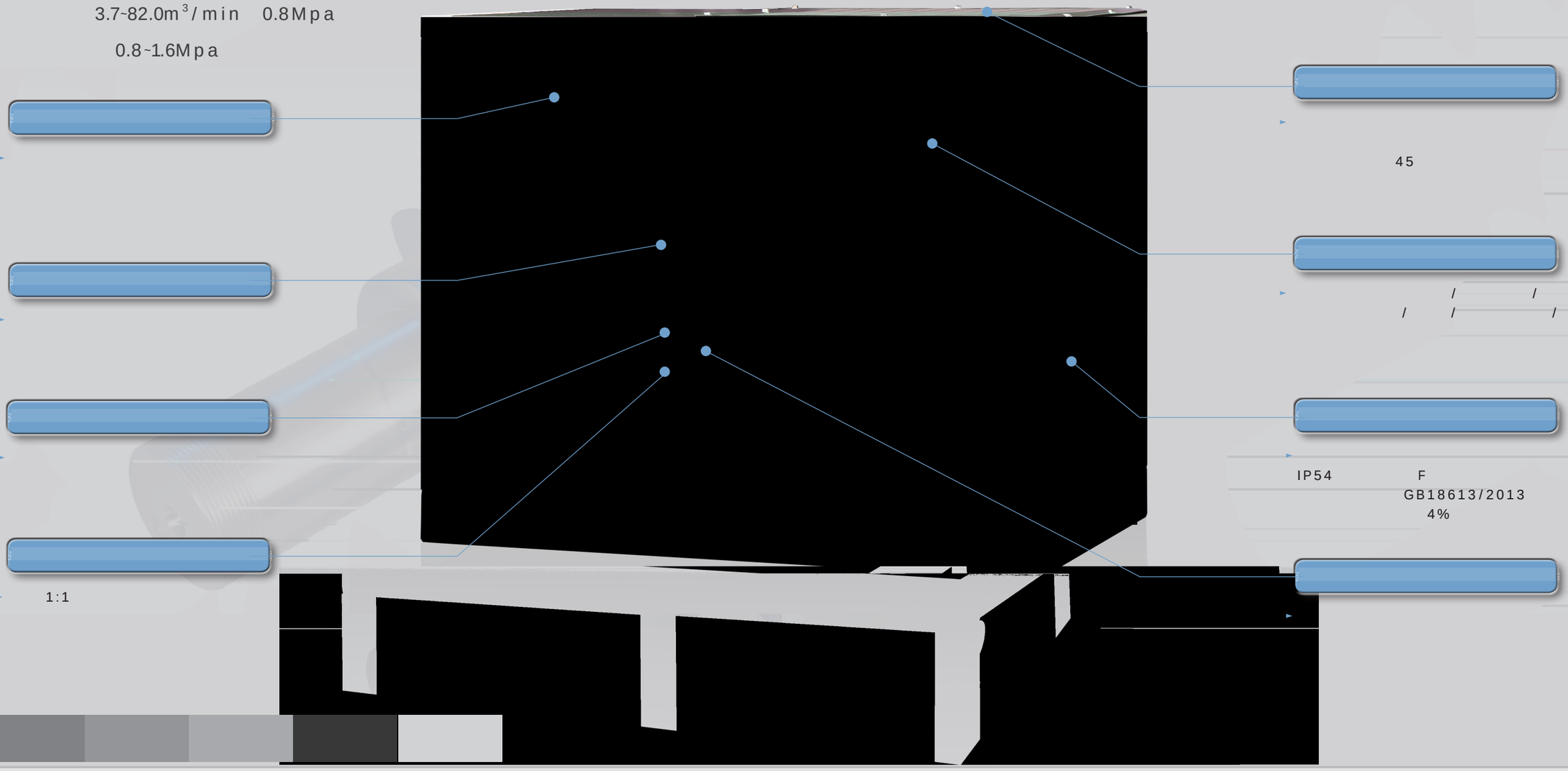
1. ISO1217, : 20 ; 60%; 0.1MPa
2. 0.3MPa~1.6MPa
3. 380V, ,50HZ
4. 45kW
5.



22~450kW

3.7~82.0m³/min 0.8Mpa

0.8~1.6Mpa



45

/ /

/ / /

IP54 F

GB18613/2013

4%

1:1

# A A 6

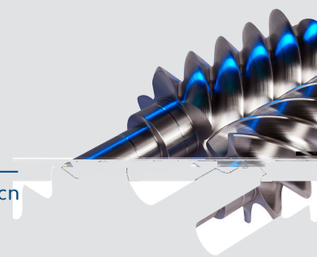



h h h h

G

| | | | AA6-22A | AA6-37A | AA6-45A | AA6-55A | AA6-75A | AA6-90A | AA6-110A | AA6-132A | AA6-160A | AA6-185A | AA6-200A | AA6-220A | AA6-250A | AA6-280A | AA6-315A | AA6-355A | AA6-400A | AA6-450A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ($m^3$/min) | 0.8MPa | 3.7 | 6.8 | 8.0 | 9.8 | 13.1 | 16.8 | 20.0 | 23.2 | 28.2 | 32.3 | 35.6 | 38.4 | 41.8 | 47.0 | 52.3 | 62.0 | 75.0 | 82.0 |
| | | 1.0MPa | 3.4 | 6.2 | 7.0 | 9.0 | 11.8 | 14.6 | 17.8 | 20.7 | 25.2 | 29.1 | 32.3 | 35.2 | 37.7 | 42.0 | 471 | 54.0 | 62.0 | 70.0 |
| | | 1.3MPa | 2.8 | 5.0 | 5.8 | 7.8 | 9.8 | 11.6 | 14.5 | 16.9 | 20.7 | 24.3 | 28.5 | 30.3 | 32.5 | 36.0 | 39.3 | 49.5 | 52.0 | 60.0 |
| | | | +15 | | | | | | | | | | | | | | | | | |
| | inch | | 11/4" | 11/2" | DN50 | DN50 | DN50 | DN80 | DN80 | DN100 | DN100 | DN100 | DN100 | DN125 | DN125 | DN125 | DN125 | DN125 | DN150 | DN150 |
| | | | | | | | | | | | | | | | | | | | | |
| | L) | | 13 | 18 | 38 | 45 | 55 | 75 | 80 | 88 | 100 | 120 | 120 | 120 | 160 | 160 | 160 | 180 | 220 | 230 |
| | | | on-0f/ | | | | | | | | | | | | | | | | | |
| | | | 45 | | | | | | | | | | | | | | | | | |
| | (kW) | | 22 | 37 | 45 | 55 | 75 | 90 | 110 | 132 | 160 | 185 | 200 | 220 | 250 | 280 | 315 | 355 | 400 | 450 |
| | | | | | | | | | | | | | | | | | | | | |
| | (V)/ (Hz) | | 380V/50Hz/60Hz | | | | | | | | | | | | | | | | | |
| | | | / | | | | | | | | | | | | | | | | | |
| | | | Y - | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | kW | | 0.25 | 0.87 | 1.5 | 1.5 | 2.2 | 0.75*2 | 0.75*2 | 11*2 | 0.75*4 | 0.75*4 | 2.2*4 | 2.2*4 | 2.2*4 | 2.2*4 | 2.2*6 | 2.2*6 | 3*6 | 3*6 |
| | $m^3$/min) | | 90 | 134 | 183 | 183 | 234 | 125*2 | 125*2 | 158*2 | 125*4 | 125*4 | 234*4 | 234*4 | 234*4 | 234*4 | 234*6 | 234*6 | 290*6 | 290*6 |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | / / | | | | | | | | | | | | | | | | | |
| (kg) | | | 800 | 900 | 1400 | 1600 | 1900 | 2400 | 2700 | 3000 | 3500 | 3950 | 4100 | 4200 | 4400 | 5000 | 5500 | 5900 | 8400 | 9000 |
| | (mm) | | 1350 | 1450 | 2500 | 2500 | 2500 | 2980 | 2980 | 3280 | 3280 | 3450 | 3450 | 4000 | 4000 | 4000 | 4000 | 4500 | 4800 | 4800 |
| | (mm) | | 830 | 950 | 1600 | 1600 | 1600 | 1850 | 1850 | 1880 | 1880 | 2000 | 2000 | 2280 | 2280 | 2280 | 2280 | 2280 | 2400 | 2400 |
| | (mm) | | 1200 | 1300 | 1700 | 1700 | 1700 | 2020 | 2020 | 2120 | 2120 | 2150 | 2150 | 2250 | 2250 | 2250 | 2250 | 2250 | 2400 | 2400 |

1. ISO1217, : 20 ; 60%; 0.1MPa
2. 0.3MPa~1.6MPa
3. 380V, ,50HZ
4. 
5. 



8~160kW

1.1~28.2m$^3$/min 0.8Mpa

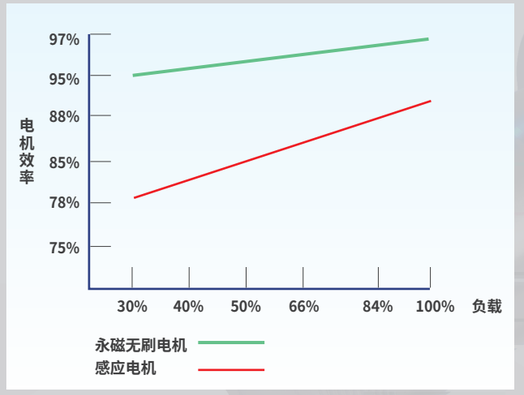
0.8~1.6Mpa

AM 96%

38%

15%

30%






30HP 24

40HP 55HP

:

6983m$^3$ 985.4 KWh

KWh/m$^3$ : 985.4KWh/6983m$^3$= 0.1410KWh/m$^3$

0.141KWh/m$^3$X8724m$^3$ X 350 =430529KWh/

430529KWh/ X1 =430529 /

30%-100%

8724m$^3$ 781.4 KWh

KWh/m$^3$ 781.4KWh/8724m$^3$= 0.089 KWh/m$^3$

0.089KWh/m$^3$x8724m$^3$x350 =271752KWh/

:271752KWh/ x1 =271752 /

430529 / - 271752 / = 158777.00 /

(

);

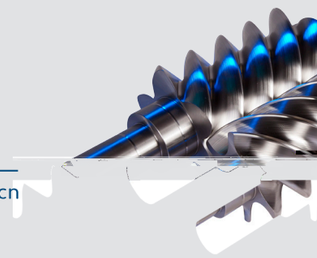



h h h h G

# AA6-AM

| | | | AA6-08A-AM | AA6-11A-AM | AA6-15A-AM | AA6-18A-AM | AA6-22A-AM | AA6-37A-AM | AA6-45A-AM | AA6-55A-AM | AA6-75A-AM | AA6-90A-AM | AA6-110A-AM | AA6-132A-AM | AA6-160A-AM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ($m^3$/min) | 0.8MPa | | | | | | | | | | | | | |
| | | 1.0MPa | | | | | | | | | | | | | |
| | | 1.3MPa | | | | | | | | | | | | | |
| | | | +15 | | | | | | | | | | | | |
| | | inch | 3/4 ” | 3/4 ” | 1 1/4 ” | 1 1/4 ” | 1 1/4 ” | 1 1/2 ” | DN50 | DN50-16 | DN50-16 | DN80-16 | DN80-16 | DN100-16 | DN100-16 |
| | | | | | | | | | | | | | | | |
| | | L) | 8 | 9 | 10 | 10 | 13 | 18 | 38 | 45 | 55 | 75 | 80 | 88 | 100 |
| | | | | | | | | | | | | | | | |
| | | | 45 | | | | | | | | | | | | |
| | | (kW) | 7.5 | 11 | 15 | 18 | 22 | 37 | 45 | 55 | 75 | 90 | 110 | 132 | 160 |
| | | | | | | | | | | | | | | | |
| | (V) | | 380 | | | | | | | | | | | | |
| | | | / | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | kW | 0.12 | 0.14 | 0.23 | 0.23 | 0.25 | 0.87 | 1.5 | 1.5 | 2.2 | 0.75*2 | 0.75*2 | 1.1*2 | 0.75*4 |
| | | $m^3$/min) | 27 | 42 | 65 | 65 | 90 | 134 | 183 | 183 | 234 | 125*2 | 125*2 | 158*2 | 125*4 |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | / | | | | | | / | | | | | | |
| | (kg) | | 380 | 400 | 680 | 860 | 900 | 970 | 1500 | 1840 | 2420 | 2600 | 3200 | 3200 | 3700 |
| | | (mm) | 1100 | 1100 | 1350 | 1350 | 1350 | 1450 | 2500 | 2500 | 2500 | 2980 | 2980 | 3280 | 3280 |
| | | (mm) | 700 | 700 | 830 | 830 | 830 | 950 | 1600 | 1600 | 1600 | 1850 | 1850 | 1880 | 1880 |
| | | (mm) | 1020 | 1020 | 1200 | 1200 | 1200 | 1300 | 1700 | 1700 | 1700 | 2020 | 2020 | 2120 | 2120 |

1. ISO1217, : 20 ; 60%; 0.1MPa
2. 0.3MPa~1.6MPa
3. 380V,
4.
5.



8~450kW

1.1~82.0m$^3$/min 0.8Mpa

0.8~1.6Mpa

- :

- : 70% 70%
8000 KW/h 0.70

0

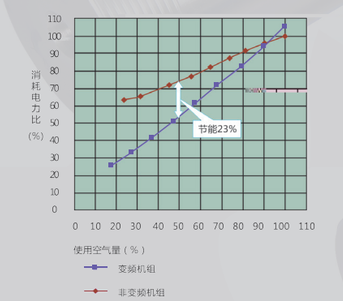
- : +

| | 22 | 30 | 37 | 55 | 75 | 90 | 110 |
|---|---|---|---|---|---|---|---|
| / | 22669 | 30912 | 38125 | 56672 | 77282 | 92736 | 113344 |

%
50%
23%

%

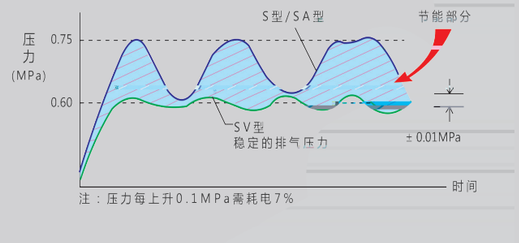
23%






- 1 ( )
- 2

采用变频技术与非变频技术的压力控制对比




注：压力每上升0.1MPa离耗电7%

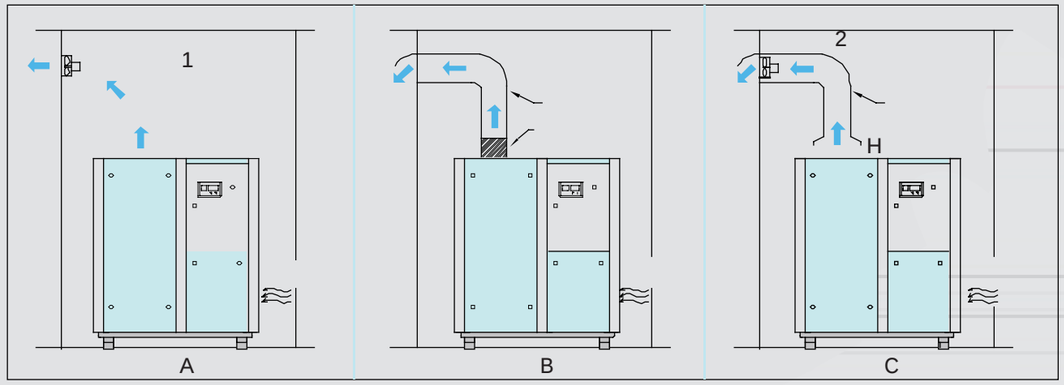
- MODBUS BACnet
CANopen Cards

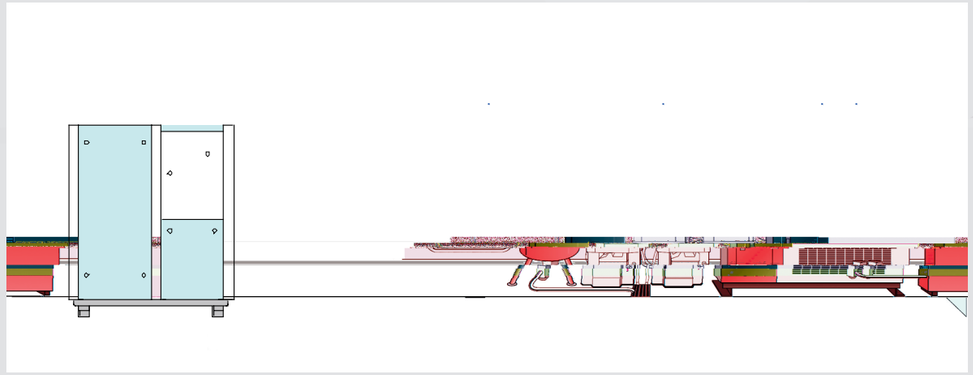
- PCB
- 50$^0$C

| | | AE6-08A-F | AE6-11A-F | AE6-15A-F | AE6-18A-F | AE6-22A-F | AE6-30A-F | AE6-37A-F | AE6-45A-F | AE6-55A-F | AE6-75A-F | AA6-22A-F | AA6-37A-F | AA6-45A-F | AA6-55A-F | AA6-75A-F | AA6-90A-F | AA6-110A-F | AA6-132A-F | AA6-160A-F | AA6-185A-F | AA6-200A-F | AA6-220A-F | AA6-250A-F | AA6-280A-F | AA6-315A-F | AA6-355A-F | AA6-400A-F | AA6-450A-F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.8MPa | 0.7~11 | 1.0~1.6 | 1.4~2.4 | 1.8~3.0 | 2.2~3.6 | 3.0~5.0 | 3.7~6.1 | 4.6~7.6 | 5.6~9.4 | 7.7~13.1 | 2.3~3.7 | 4.1~6.8 | 4.8~8.0 | 5.9~9.8 | 7.7~13.1 | 10.1~16.8 | 12.0~20.0 | 13.9~23.2 | 16.9~28.2 | 19.4~32.3 | 21.4~35.6 | 23.0~38.4 | 25.1~41.8 | 28.2~47.0 | 31.4~52.3 | 37.2~62.0 | 45.0~75.0 | 49.0~82.0 |
| | ($m^3$/min) 1.0MPa | 0.6~1.0 | 0.8~1.4 | 1.3~2.1 | 1.6~2.7 | 1.9~3.2 | 2.6~4.3 | 3.2~5.4 | 3.8~6.4 | 5.2~8.6 | 7.1~11.8 | 2.1~3.4 | 3.7~6.2 | 4.2~7.0 | 5.4~9.0 | 7.1~11.8 | 8.8~14.6 | 10.7~17.8 | 12.4~20.7 | 15.1~25.2 | 17.5~29.1 | 19.4~32.3 | 21.1~35.2 | 22.6~37.7 | 25.2~42.0 | 28.3~47.1 | 32.4~54.0 | 37.0~62.0 | 42.0~70.0 |
| | 1.3MPa | 0.5~0.8 | 0.7~1.2 | 1.0~1.7 | 1.4~2.3 | 1.6~2.6 | 2.2~3.7 | 2.7~4.5 | 3.3~5.5 | 4.4~7.4 | 5.9~9.8 | 1.7~2.8 | 3.0~5.0 | 3.5~5.8 | 4.7~7.8 | 5.9~9.8 | 7.0~11.6 | 8.7~14.5 | 10.1~16.9 | 12.4~20.7 | 14.6~24.3 | 17.1~28.5 | 18.2~30.3 | 19.5~32.5 | 21.6~36.0 | 23.6~39.3 | 29.7~49.5 | 31.0~52.0 | 36.0~60.0 |
| | | +15 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | inch) | 3/4 ” | 3/4 ” | 1 1/4 ” | 1 1/4 ” | 1 1/4" | 1 1/4" | 1 1/4" | 1 1/2" | 1 1/2" | 2" | 1 1/4" | 1 1/2" | 1 1/2" | DN50-16 | DN50-16 | DN80-16 | DN80-16 | DN100-16 | DN100-16 | DN100-16 | DN100-16 | DN125-16 | DN125-16 | DN125-16 | DN125-16 | DN125-16 | DN150-16 | DN150-16 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | L) | 8 | 9 | 10 | 10 | 16 | 18 | 18 | 25 | 60 | 65 | 13 | 18 | 38 | 45 | 55 | 75 | 80 | 88 | 100 | 120 | 120 | 120 | 160 | 160 | 160 | 180 | 220 | 230 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 45 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (kW) | 7.5 | 11 | 15 | 18 | 22 | 30 | 37 | 45 | 55 | 75 | 22 | 37 | 45 | 55 | 75 | 90 | 110 | 132 | 160 | 185 | 200 | 220 | 250 | 280 | 315 | 355 | 400 | 450 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (V) / Hz) | 380V/50Hz/60Hz | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | / | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (kW) | 0.12 | 0.14 | 0.23 | 0.23 | 0.55 | 0.55 | 0.80 | 1.5 | 1.5 | 0.37*2 | 0.25 | 0.87 | 1.5 | 1.5 | 2.2 | 0.75*2 | 0.75*2 | 1.1*2 | 0.75*4 | 0.75*4 | 2.2*4 | 2.2*4 | 2.2*4 | 2.2*4 | 2.2*6 | 2.2*6 | 3*6 | 3*6 |
| | ($m^3$/min) | 27 | 42 | 65 | 65 | 128 | 128 | 162 | 183 | 183 | 194 | 90 | 134 | 183 | 183 | 234 | 125*2 | 125*2 | 158*2 | 125*4 | 125*4 | 234*4 | 234*4 | 234*4 | 234*4 | 234*6 | 234*6 | 290*6 | 290*6 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | / / | | | | | | | | | | | | | | | | | | | | | | | | | | |
| kg | | 300 | 320 | 360 | 430 | 840 | 910 | 910 | 1080 | 1400 | 1600 | 930 | 1020 | 1500 | 1900 | 2500 | 2700 | 3300 | 3300 | 3850 | 4100 | 4250 | 4400 | 4650 | 5300 | 5800 | 6200 | 8400 | 9000 |
| | mm) | 1065 | 1065 | 1260 | 1050 | 1150 | 1150 | 1100 | 1200 | 1800 | 1960 | 1350 | 1450 | 2500 | 2500 | 2500 | 2980 | 2980 | 3280 | 3280 | 3450 | 3450 | 4000 | 4000 | 4000 | 4000 | 4500 | 4800 | 4800 |
| | mm) | 765 | 765 | 700 | 750 | 850 | 950 | 1100 | 1150 | 1300 | 1500 | 830 | 950 | 1600 | 1600 | 1600 | 1850 | 1850 | 1880 | 1880 | 2000 | 2000 | 2280 | 2280 | 2280 | 2280 | 2280 | 2400 | 2400 |
| | mm) | 1020 | 1020 | 1030 | 1100 | 1250 | 1230 | 1324 | 1565 | 1750 | 1750 | 1200 | 1300 | 1700 | 1700 | 1700 | 2020 | 2020 | 2120 | 2120 | 2150 | 2150 | 2250 | 2250 | 2250 | 2250 | 2250 | 2400 | 2400 |

1. ISO1217, : 20 ; 60%; 0.1MPa
2. 0.3MPa~1.6MPa
3. 380V, ,50HZ
4. 
5. 


Watsons
Russia
Canada
China
United States
Australia
密友集团
英業達
Inventec
嘉陵工业
FOXCONN
富士康科技集團
东科药业
马钢集团
MA STEEL
SINOSTEEL
中钢集团
LITEON
光宝集团


1
2
H
A
B
C



济南分公司



上海总部




广州分公司

南京分公司




创新 品质 服务

h Hu G

G

G

G

d Hu Hu d h h h h

G

d d h G d HANBELL" G

ч

ч

ч

ч

